

| L Number | Hits | Search Text | DB | Time stamp |
|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------|
| - | 66300 | robust\$4 | USPAT; US-PGPUB | 2003/11/13 08:00 |
| - | 17041 | (speech\$2 or voice) adj recognition | USPAT; US-PGPUB | 2003/11/14 12:40 |
| - | 7303 | noise adj suppress\$3 | USPAT; US-PGPUB | 2003/11/13 08:00 |
| - | 622 | noise adj model | USPAT; US-PGPUB | 2003/11/13 12:10 |
| - | 293 | parametrization | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 139 | noise adj transition | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 2136 | noise adj cancellation | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 758 | adaptive adj noise | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 381 | spectral adj coefficient | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 125 | (energy or spectr\$2) near3 in\$1compatib\$5 | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 869 | mean adj energy | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 440 | reference adj space | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 7087 | conversion adj table | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 213 | temporal adj frame | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 43 | shape\$1recogni\$4 | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 154865 | sampling | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 1 | parametrization and (noise adj model) and (noise adj transition) and sampling | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 2 | EP-918317-\$.did. | EPO; | 2003/11/13 14:32 |
| - | 1 | 5706395.pn. | DERWENT USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 5 | robust\$4 and ((speech\$2 or voice) adj recognition) and (noise adj suppress\$3) and (noise adj model) | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 51 | robust\$4 and ((speech\$2 or voice) adj recognition) and (noise adj model) | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 1 | 6427134.URPN. | USPAT | 2003/11/13 08:01 |
| - | 4 | 6188982.URPN. | USPAT | 2003/11/13 08:01 |
| - | 50 | parametrization and robust\$4 | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 1 | parametrization and (noise adj model) and (noise adj transition) and matching and sampling | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 2 | parametrization and (noise adj model) and sampling | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 2 | parametrization and (adaptive near3 noise) and sampling and (cancellation or suppression) | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 37 | noise and ((energy or spectr\$2) near3 in\$1compatib\$5) | USPAT; US-PGPUB | 2003/11/13 08:01 |
| - | 7 | ((speech\$2 or voice) adj recognition) and (noise adj transition) | USPAT; US-PGPUB | 2003/11/13 08:05 |
| - | 3490 | 704/226,227,228,230,231,233,236,240,246,250, 252,270,272. | USPAT; US-PGPUB | 2003/11/13 08:06 |
| - | 776 | 381/94.1,94.2,94.3,94.7,71.1,71.11,71.12.ccls. | USPAT; US-PGPUB | 2003/11/13 08:06 |
| - | 1060 | 708/300,310,322,402,403.ccls. | USPAT; US-PGPUB | 2003/11/13 08:07 |
| - | 5226 | 704/226,227,228,230,231,233,236,240,246,250, or 381/94.1,94.2,94.3,94.7,71.1,71.11,71.12.ccls. or 708/300,310,322,402,403.ccls. | USPAT; US-PGPUB | 2003/11/13 08:08 |

| | | | | |
|---|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------|
| - | 99 | (704/226,227,228,230,231,233,236,240,246,250) or 381/94.1,94.2,94.3,94.7,71.1,71.11,71.12.ccls. or 708/300,310,322,402,403.ccls.) and | USPAT; US-PGPUB | 2003/11/13 08:32 |
| - | 8 | (704/226,227,228,230,231,233,236,240,246,250) or 381/94.1,94.2,94.3,94.7,71.1,71.11,71.12.ccls. or 708/300,310,322,402,403.ccls.) and | USPAT; US-PGPUB | 2003/11/13 08:11 |
| - | 59 | (704/226,227,228,230,231,233,236,240,246,250) or 381/94.1,94.2,94.3,94.7,71.1,71.11,71.12.ccls. or 708/300,310,322,402,403.ccls.) and | USPAT; US-PGPUB | 2003/11/13 08:14 |
| - | 1 | (704/226,227,228,230,231,233,236,240,246,250) or 381/94.1,94.2,94.3,94.7,71.1,71.11,71.12.ccls. or 708/300,310,322,402,403.ccls.) and | USPAT; US-PGPUB | 2003/11/13 08:30 |
| - | 11 | 5778342.URPN. | USPAT | 2003/11/13 08:20 |
| - | 4 | ((speech\$2 or voice) adj recognition) and (noise near3 model) and (spectral adj coefficient) and confidence | USPAT; US-PGPUB | 2003/11/13 08:32 |
| - | 23 | (704/226,227,228,230,231,233,236,240,246,250) or 381/94.1,94.2,94.3,94.7,71.1,71.11,71.12.ccls. or 708/300,310,322,402,403.ccls.) and | USPAT; US-PGPUB | 2003/11/13 08:34 |
| - | 1 | (704/226,227,228,230,231,233,236,240,246,250) or 381/94.1,94.2,94.3,94.7,71.1,71.11,71.12.ccls. or 708/300,310,322,402,403.ccls.) and | USPAT; US-PGPUB | 2003/11/13 09:08 |
| - | 1 | 6445801.URPN. | USPAT | 2003/11/13 09:34 |
| - | 3 | 5572623.URPN. | USPAT | 2003/11/13 09:35 |
| - | 6 | pastor-dominique.in. | USPAT; US-PGPUB | 2003/11/13 10:28 |
| - | 1 | (noise adj model)and (reference near5 vector near5 parameter) | USPAT; US-PGPUB | 2003/11/13 12:13 |
| - | 65 | (noise adj model) and (reference) and (vector near5 parameter) | USPAT; US-PGPUB | 2003/11/13 12:13 |
| - | 29 | (US-5706395-\$ or US-6427134-\$ or US-6615170-\$ or US-6327564-\$ or US-6188982-\$ or US-5970446-\$ or US-5848388-\$ or US-5572623-\$ or US-6577997-\$ or US-6269334-\$ or US-6128594-\$ or US-5537647-\$ or US-5991718-\$ or US-6202047-\$ or US-6038528-\$ or US-6381569-\$ or US-5778342-\$ or US-6418411-\$ or US-6272460-\$ or US-6275800-\$ or US-6445801-\$ or US-6633842-\$ or US-6438513-\$ or US-5511009-\$ or US-5337251-\$).did. or (US-20020035471-\$ or US-20020077813-\$ or US-20030055639-\$ or US-20020133345-\$).did. | USPAT; US-PGPUB | 2003/11/13 12:48 |
| - | 13 | ((US-5706395-\$ or US-6427134-\$ or US-6615170-\$ or US-6327564-\$ or US-6188982-\$ or US-5970446-\$ or US-5848388-\$ or US-5572623-\$ or US-6577997-\$ or US-6269334-\$ or US-6128594-\$ or US-5537647-\$ or US-5991718-\$ or US-6202047-\$ or US-6038528-\$ or US-6381569-\$ or US-5778342-\$ or US-6418411-\$ or US-6272460-\$ or US-6275800-\$ or US-6445801-\$ or US-6633842-\$ or US-6438513-\$ or US-5511009-\$ or US-5337251-\$).did. or (US-20020035471-\$ or US-20020077813-\$ or US-20030055639-\$ or US-20020133345-\$).did.) and coefficient | USPAT; US-PGPUB | 2003/11/13 12:50 |

| | | | | |
|---|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------|
| - | 1 | ((US-5706395-\$ or US-6427134-\$ or US-6615170-\$ or US-6327564-\$ or US-6188982-\$ or US-5970446-\$ or US-5848388-\$ or US-5572623-\$ or US-6577997-\$ or US-6269334-\$ or US-6128594-\$ or US-5537647-\$ or US-5991718-\$ or US-6202047-\$ or US-6038528-\$ or US-6381569-\$ or US-5778342-\$ or US-6418411-\$ or US-6272460-\$ or US-6275800-\$ or US-6445801-\$ or US-6633842-\$ or US-6438513-\$ or US-5511009-\$ or US-5337251-\$).did. or (US-20020035471-\$ or US-20020077813-\$ or US-20030055639-\$ or US-20020133345-\$).did.) and (cepstrum adj coefficient) | USPAT; US-PGPUB | 2003/11/13 12:58 |
| - | 1 | coefficient near5 (noise adj model) and confidence | USPAT; US-PGPUB | 2003/11/13 12:58 |
| - | 11 | coefficient near5 (noise adj model) | USPAT; US-PGPUB | 2003/11/13 12:59 |
| - | 103 | weight\$3 and match\$3 and (spectral adj coefficient) and noise | USPAT; US-PGPUB | 2003/11/13 14:37 |
| - | 21 | weight\$3 and match\$3 and (spectral adj coefficient) and noise and variance | USPAT; US-PGPUB | 2003/11/13 14:39 |
| - | 33 | weight\$3 and match\$3 and (spectral adj coefficient) and noise and ((speech\$2 or voice) adj recognition) | USPAT; US-PGPUB | 2003/11/13 15:20 |
| - | 3 | 704/251.ccls. and (noisy near4 speech adj recognition) | USPAT; US-PGPUB | 2003/11/13 15:22 |
| - | 35 | noisy near3 speech adj recognition | USPAT; US-PGPUB | 2003/11/13 15:22 |
| - | 32 | (US-5706395-\$ or US-6427134-\$ or US-6615170-\$ or US-6327564-\$ or US-6188982-\$ or US-5970446-\$ or US-5848388-\$ or US-5572623-\$ or US-6633842-\$ or US-6577997-\$ or US-6269334-\$ or US-6128594-\$ or US-5537647-\$ or US-5991718-\$ or US-6202047-\$ or US-6038528-\$ or US-6381569-\$ or US-5778342-\$ or US-6418411-\$ or US-6275800-\$ or US-6272460-\$ or US-6445801-\$ or US-6438513-\$ or US-5511009-\$ or US-5337251-\$ or US-5749068-\$).did. or (US-5673364-\$ or US-5655057-\$).did. or (US-20020035471-\$ or US-20030055639-\$ or US-20020077813-\$ or US-20020133345-\$).did. | USPAT; US-PGPUB | 2003/11/14 12:32 |
| - | 17 | ((US-5706395-\$ or US-6427134-\$ or US-6615170-\$ or US-6327564-\$ or US-6188982-\$ or US-5970446-\$ or US-5848388-\$ or US-5572623-\$ or US-6633842-\$ or US-6577997-\$ or US-6269334-\$ or US-6128594-\$ or US-5537647-\$ or US-5991718-\$ or US-6202047-\$ or US-6038528-\$ or US-6381569-\$ or US-5778342-\$ or US-6418411-\$ or US-6275800-\$ or US-6272460-\$ or US-6445801-\$ or US-6438513-\$ or US-5511009-\$ or US-5337251-\$ or US-5749068-\$).did. or (US-5673364-\$ or US-5655057-\$).did. or (US-20020035471-\$ or US-20030055639-\$ or US-20020077813-\$ or US-20020133345-\$).did.) and gaussian | USPAT; US-PGPUB | 2003/11/14 12:39 |
| - | 2 | ((speech\$2 or voice) adj recognition) and (noise adj model) and (noise\$1suppression) | USPAT; US-PGPUB | 2003/11/14 12:49 |
| - | 2 | ((speech\$2 or voice) adj recognition) and (noise\$1suppression) and parametrization | USPAT; US-PGPUB | 2003/11/14 12:55 |
| - | 11 | ((speech\$2 or voice) adj recognition) and (noise\$1suppression) | USPAT; US-PGPUB | 2003/11/14 12:55 |